

Event samples

- CompHep qqH sample; 2104fb
- $\sigma \cdot Br = 2104 \times (0.108)^2 \times 4 \times 0.13 = 12.7\text{fb}$
- CompHep ttj sample; 788,000fb
- $\sigma \cdot Br = 788,000 \times (0.108)^2 \times 4 = 36,800\text{fb}$
- $Hqq \rightarrow WWqq \rightarrow 2l2\nu + \text{jets}$ and
- $ttj \rightarrow WbWb + j \rightarrow 2l2\nu + \text{jets}.$ $l = (e, \mu)$
- Events interfaced to Pythia and are processed through ORCA (2×10^{33}).